The Child Development and Educational Studies Program (CDES) offers students an Associate of Arts degree in two main areas:

- Child Development: Students completing the Associate Degree in Child Development may apply to become a teacher, master teacher, or site supervisor within the California Child Development and School Age Matrix.

- Liberal Arts with Emphasis in Elementary Education: The Associate Degree in Liberal Arts prepares students to transfer to 4-year colleges and universities, and begins a sequence of classes that leads to careers in child development, and elementary and secondary education. See page 128.

The CDES program also offers Certificates which serve as introductory sequences of classes preparing students to work in the field of early childhood education, recreation, and before and after school age care. Students completing the certificates may be employed as infant toddler, preschool, or school age professionals, as well as tutors, childcare specialists or other paraprofessionals for public and private agencies.

Degrees and Certificates Offered:

- Early Childhood Education: Associate in Science for Transfer (A.S.-T.)
- Child Development: Associate in Arts (A.A.)
- Early Childhood Education, Certificate of Achievement
- Early Intervention Assistant, Certificate of Achievement
- School Aged Child Care, Certificate of Achievement
- Spanish Language Early Childhood Education: Certificate of Proficiency

Also see: Liberal Arts with Elementary Education Emphasis AA degree.
Early Childhood Education
Associate in Science Degree for Transfer

The Associate in Science in Early Childhood Education for Transfer degree is designed to prepare students for a seamless transfer into the CSU system to complete a baccalaureate degree in Child Development, Early Childhood Education or similar degree.

The Associate in Science in Early Childhood Education for Transfer degree is designed to prepare students to work in a variety of early childhood settings. The two year program serves students wishing to work in entry level positions in public and private early childhood programs, as family child care providers, infant toddler care and in after school programs. The two year program serves students working on increased early childhood knowledge, supervised student teaching experiences and fulfillment of academic requirements for a Child Development Permit at the Associate, Assistant or Teacher level.

Completion of the Associate in Science in Early Childhood Education for Transfer degree enables the students to complete the lower division general education requirements as well as the lower division major requirements for a baccalaureate degree in Child Development prior to transferring to a CSU. Students pursuing the transfer degree pursue a variety of careers with young children from birth to ten at the Teacher, Master Teacher, Director or Program Director level. Students also pursue careers in elementary and secondary education, early childhood special education, program administration, school counseling, child psychology, child advocacy, social work, and community services.

STUDENT LEARNING OUTCOMES: Upon successful completion of the Associate Degree for Transfer in Early Childhood Education students will be able to:

- Apply to become teachers, master teachers, or site supervisors within the California Child Development and School Age Matrix
- Transfer to CSU and UC colleges with Child Development and Early Childhood Education Bachelor programs.
- Articulate major child development theories and translate these theories into appropriate classroom environments that include learning centers and materials.
- Plan developmentally appropriate curriculum activities in four domains of development: Cognitive (intellectual), Affective (social-emotional), Psychomotor (physical) and Language Development.

REQUIRED COURSES: (25 units)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD 40</td>
<td>Child and Adolescent Development (3 units)</td>
</tr>
<tr>
<td>CD 5</td>
<td>Child, Family and Community (3 units)</td>
</tr>
<tr>
<td>CD 1</td>
<td>Principles &amp; Philosophies of Early Childhood Education (3 units)</td>
</tr>
<tr>
<td>CD 32</td>
<td>Introduction to Curriculum (3 units)</td>
</tr>
<tr>
<td>CD 4</td>
<td>Observing and Assessing Children (3 units)</td>
</tr>
<tr>
<td>CD 30A</td>
<td>Practicum 1: Early Childhood Field Experience (4 units)</td>
</tr>
<tr>
<td>CD 9</td>
<td>Child Health, Nutrition and Safety (3 units)</td>
</tr>
<tr>
<td>CD 7</td>
<td>Cultural Context of Child and Family in a Diverse Society (3 units)</td>
</tr>
</tbody>
</table>

Total units in the major: 25 units
Total units that may be double-counted: 6 units
Completion of CSU GE Breadth or IGETC: 39 units
Electives: 2 units
Units for degree: 60 units

ALL ADT DEGREES REQUIRE:

1. Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
   A. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
   B. A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

2. Attainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis. A “P” (Pass) grade is an acceptable grade for courses in the major.
Child Development
Associate in Arts Degree (A.A.)

The Associate Degree prepares students to transfer to four-year colleges and universities and provides an introductory sequence of classes leading to careers in child development and elementary and secondary education. Students completing an A.A. degree are also eligible to apply for a California Child Development permit at the Teacher level. The Child Development Permit Matrix was developed to ensure a career pathway for child development professionals in state or federally funded programs. See page 94.

Program Learning Outcomes: After completing the Associate Degree in Child Development a student will be able to:

- articulate five major child development theories and translate these theories into appropriate classroom environments that include learning centers and materials.
- plan developmentally appropriate curriculum activities in the four domains of development: Cognitive (intellectual), Affective (social-emotional), Psychomotor (physical) and Language Development.

Graduates will:

- function within the scope of approved state and nationally accredited early childhood and childcare competencies.
- practice within professional and legal standards, ethical principles, and demonstrate a sensitivity to language and cultural differences of the children, families, and staff where they will be working or completing their cooperative work experiences.
- apply principles of written and verbal communication, and research to communicate relevant, accurate and complete information.
- apply child development principles and sensitivity to theory and applications of working with families of children with special needs.
- demonstrate an ability to design, develop and implement curriculum, appropriate educational environments, and successful teaching practices that enhance development in children in the early years.

Associate Degree in Child Development: Associate degree students need to complete the required courses and student teaching practicum and General Education requirements. In order to qualify for the California Child Development Permit, coursework in required classes must be completed with a letter grade of “C” or higher.

Student Teaching Practicum:
Associate Degree students are required to complete a two-semester Student Teaching Practicum in an approved child development site under the supervision of a Gavilan College instructor.

The Student Teaching Practicum consists of CD 30A & B, a two-semester curriculum course, (CD 30A - Practicum I - Early Childhood Field Experience and CD 30B - Practicum II: Advanced Early Childhood Field Experience, 3/3 units), and concurrent enrollment in a supervised Child Development Work Experience class (CD 190, Occupational Work Experience/Child Development, 1-4 units each semester). It is recommended that students complete CD 1, 2 and CD 5 or 7 before beginning the Student Teaching Practicum. CD 190 (Occupational Work Experience/Child Development) may also be taken as an independent class throughout the student's program (1-4 units per semester, for a total of 4-16 units). Students enrolled in a Cooperative Work Experience class must be enrolled in at least seven units each semester.

REQUIREMENTS (Core courses not required):
CD 1 Principles and Philosophies of Early Childhood Education (3 units)
CD 2 Early Child Development (3 units)
CD 4 Observing and Assessing Children (3 units)

Choose one:
CD 5 Child/Family and Community (3 units)
CD 7 Cultural Context of Child and Family in a Diverse Society (3 units)

CD 9 Child Health/Nutrition and Safety (3 units)
CD 19 Introduction to Careers with Children (2 units)
CD 20 Children’s Language and Literature (3 units)
CD 32 Introduction to Curriculum (3 units)

Electives - Any CD courses (3 units)

Student Teaching Practicum:
CD 30A Practicum I - Early Childhood Field Experience (3 units)
CD 30B Practicum II: Adv. Early Childhood Field Experience (3 units)
CD 190 Occupational Work Experience/Child Devel. (2-4 units)

Total units required for major: 34-36 units
Plus completion of general education requirements: units vary
Total units required: minimum of 60 units

General Education requirements: A student may complete the Gavilan College AA/A.S. general education, the CSU-GE Breadth or the IGETC pattern, plus sufficient electives to meet a 60 unit total. See pages 49-57 or see a counselor for details.

NOTE: A course may be used to satisfy both general education and major courses. See “Double Counting Rule” on page 47.
Child Development Options

Two of the following certificates of achievement -- Early Childhood Education (this page) and School Age Childcare -- require a combination of CORE COURSES (listed below) and additional requirements.

Although some Child Development courses are cross-listed with other departments, it is highly recommended that students enroll in coursework under the Child Development (CD) option.

**CORE COURSES:**
- CD 1 Principles & Philosophies of Early Childhood Education (3 units)
- CD 2 Early Child Development (3 units)

**Choose one:**
- CD 5 Child/Family and Community (3 units)
- CD 7 Cultural Context of Child & Family in a Diverse Society (3 units)

- CD 9 Child Health/Nutrition and Safety (3 units)
- CD 19 Introduction to Careers with Children (2 units)

Core courses unit total: 14 units

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Early Childhood Education

**Certificate of Achievement**

**Program Learning Outcomes:** After completing the Certificate of Achievement for Early Childhood Education graduates will:
- be eligible to apply for the Assistant Teacher Permit and the Associate Teacher Permit for the California Child Development Permit Matrix.
- function within the scope of approved state and nationally accredited early childhood and childcare competencies.
- practice within professional and legal standards, ethical principles, and demonstrate a sensitivity to language and cultural differences of the children, families, and staff where they will be working or completing their cooperative work experiences.
- apply principles of written and verbal communication, and research to communicate relevant, accurate and complete information.
- apply child development principles and sensitivity to theory and applications of working with families of children with special needs.

**CORE COURSES:** 14 units

- CD 4 Observing and Assessing Children (3 units)
- CD 5 Child/Family and Community (3 units)
- CD 7 Cultural Context of Child & Family in a Diverse Society (3 units)
- CD 9 Child Health/Nutrition and Safety (3 units)
- CD 10 Children with Special Needs (3 units)
- CD 12 Computer Education for Teachers (3 units)
- CD 14A Working with School Age Children (3 units)
- CD 14B Behavior Management & Guidance of School Age Children (3 units)
- CD 15 Music and Movement for Children (3 units)
- CD 16 Exploring Mathematics with Children (1 unit)
- CD 17 Exploring Science with Children (1 unit)
- CD 18 The Outdoor Classroom (3 units)
- CD 19 Introduction to Careers with Children (2 units)
- CD 20 Children's Language and Literature (3 units)
- CD 22 Field Work and Service (0.5-1 unit)
- CD 23 Independent Study (1-2 units)
- CD 24 Introduction to Service Learning with Children (3 units)
- CD 98 Special Topics (0.5-3 units)

Total units for Certificate of Achievement: 24 units

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School Age Child Care

**Certificate of Achievement**

The knowledge and skills in this certificate are designed to prepare students to work as leaders in programs for children aged 6-18. Work settings might include before and after school programs, youth sports activities, residential or day camps, dramatic arts programs, youth centers, and academic enrichment. **CORE COURSES:** 14 units

**ADDITIONAL REQUIREMENTS:**

Select any 10-12 units from the following:

- CD 3 Child Growth and Development During the School Years (3 units)
- CD 8A American Education in a Changing World (3 units)
- CD 14A Working with School Age Children (3 units)
- CD 14B Behavior Management & Guidance of School Age Children (3 units)
- CD 31 Tutoring School-Age Children (1 unit)
- CD 97 Introduction to Service Learning with Children (3 units)

Total units for Certificate of Achievement: 24-26 units
Early Intervention Assistant

Certificate of Achievement

The Early Intervention Assistant Certificate of Achievement is designed to meet the Early Intervention Assistant II requirements of the Individuals with Disabilities Education Act (IDEA) and prepares students to work as early childhood interventionists and special education paraprofessionals at the Early Childhood Intervention Assistant II level. It meets California’s Prevention and Early Intervention’s requirements for state competencies for early childhood paraprofessionals and is appropriate for students who wish to work as assistants or paraprofessionals in early intervention, early childhood special education, or related child development or special education programs serving children with special needs. Students who complete this certificate and sixteen specified units of General Education will be eligible to apply for the California Child Development Teacher Permit, which is issued by the Commission on Teacher Credentialing.

REQUIREMENTS (Core courses not required):

CD1 Principles and Philosophies of Early Childhood Education (3 units)
CD2 Early Childhood Development (3 units)
CD5 Child, Family, and Community (3 units)
CD9 Child Health, Safety and Nutrition (3 units)
CD10 Young Children with Special Needs (3 units)
CD13 Infant/Toddler Development (3 units)
CD19 Introduction to Careers with Children (2 units)
CD35 Positive Behavior for All Children (3 units)
CD36 Curriculum Design for Inclusive Classrooms (3 units)
CD160 Child CPR and First Aid (1 unit)

Choose one:
CD30A Practicum I - Early Childhood Field Experience (3 units)
CD30B Practicum II: Advanced Early Childhood Field Experience (3 units)

Total units required: 31-34 units

Spanish Early Childhood Education

Certificate of Proficiency

The knowledge and skills required for this certificate prepare students to work in child care and development programs in which the children speak Spanish.

REQUIREMENTS (Core courses not required):

CD1 Principles and Philosophies of Early Childhood Education (3 units)
CD2 Early Childhood Development (3 units)
CD5 Child/Family and Community (3 units)
CD9 Child Health/Nutrition and Safety (3 units)
CD13 Infant and Toddler Development and Care (3 units)
CD160 Child Care First Aid and CPR (1 unit)
CD219 Introduction to Child Development en español (1 unit)

Total units required for Certificate of Proficiency: 17 units

Although some Child Development courses are cross-listed with other departments, it is highly recommended that students enroll in coursework under the Child Development (CD) option.
<table>
<thead>
<tr>
<th>Permit Title</th>
<th>Education Requirement (Option 1 for all permits)</th>
<th>Experience Requirement (Applies to Option 1 Only)</th>
<th>Alternative Qualifications (with option numbers indicated)</th>
<th>Authorization</th>
<th>Five Year Renewal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assistant Teacher</td>
<td>Option 1: 6 units ECE/CD including core courses**</td>
<td>None</td>
<td>Option 2: Accredited HERO program (including ROP)</td>
<td>Authorizes the holder to care for and assist in the development and instruction of children in a child care and development program under the supervision of an Associate Teacher, Teacher, Master Teacher, Site Supervisor or Program Director.</td>
<td>105 hours of professional growth *****</td>
</tr>
<tr>
<td></td>
<td>Option 1: 12 units ECE/CD including core courses** plus 16 General Education (GE) units*</td>
<td>50 days of 3+ hours per day within 2 years</td>
<td>Option 2: Child Development Associate (CDA) Credential.</td>
<td>Authorizes the holder to provide service in the care, development, and instruction of children in a child care and development program, and supervise an Assistant and an aide.</td>
<td>Must complete 15 additional units toward a Teacher Permit. Must meet Teacher requirements within 10 years.</td>
</tr>
<tr>
<td>Teacher</td>
<td>Option 1: 24 units ECE/CD including core courses** plus 16 GE units* plus 6 specialization units plus 2 adult supervision units</td>
<td>175 days of 3+ hours per day within 4 years</td>
<td>Option 2: A.A. or higher in ECE/CD or related field with 3 units supervised field experience in ECE/CD setting</td>
<td>Authorizes the holder to provide service in the care, development and instruction of children in a child care and development program, and supervise an Associate Teacher, Assistant and an aide.</td>
<td>105 hours of professional growth *****</td>
</tr>
<tr>
<td>Master Teacher</td>
<td>Option 1: 24 units ECE/CD including core courses** plus 16GE units* plus 6 specialization units plus 2 adult supervision units</td>
<td>350 days of 3+ hours per day within 4 years</td>
<td>Option 2: BA or higher (does not have to be in ECE/CD) with 12 units of ECE/CD, plus 3 units supervised field experience in ECE/CD setting</td>
<td>Authorizes the holder to provide service in the care, development and instruction of children in a child care and development program, and supervise a Teacher, Associate Teacher, Assistant and an aide. The permit also authorizes the holder to serve as a coordinator of curriculum and staff development.</td>
<td>105 hours of professional growth *****</td>
</tr>
<tr>
<td>Site Supervisor</td>
<td>Option 1: A.A. (or 60 units) which includes: 24 ECE/CD units with core courses** plus 6 administration units plus 2 adult supervision units</td>
<td>350 days of 3+ hours per day within 4 years including at least 100 days of supervising adults</td>
<td>Option 2: BA or higher (does not have to be in ECE/CD) with 12 units of ECE/CD, plus 3 units supervised field experience in ECE/CD setting; or Option 3: Admin. credential *** with 12 units of ECE/CD, plus 3 units supervised field experience in ECE/CD setting; or Option 4: Teaching credential**** with 12 units of ECE/CD, plus 3 units supervised field experience in ECE/CD setting</td>
<td>Authorizes the holder to supervise a child care and development program operating at a single site; provide service in the care, development, and instruction of children in a child care and development program; and serve as a coordinator of curriculum and staff development.</td>
<td>105 hours of professional growth *****</td>
</tr>
<tr>
<td>Program Director</td>
<td>Option 1: BA or higher (does not have to be in ECE/CD) including: 24 ECE/CD units with core courses** plus 6 administration units plus 2 adult supervision units</td>
<td>One year of Site Supervisor experience</td>
<td>Option 2: Admin. credential *** with 12 units of ECE/CD, plus 3 units supervised field experience in ECE/CD setting; or Option 3: Teaching credential**** with 12 units of ECE/CD, plus 3 units supervised field experience in ECE/CD setting, plus 6 units administration; or Option 4: Master’s Degree in ECE/CD or Child/Human Development</td>
<td>Authorizes the holder to supervise a child care and development program operating in a single site or multiple sites; provide service in the care, development, and instruction of children in a child care and development program; and serve as coordinator of curriculum and staff development.</td>
<td>105 hours of professional growth *****</td>
</tr>
</tbody>
</table>

NOTE: All unit requirements listed above are semester units. All course work must be completed with a grade of C or better from a regionally accredited college.

* One course in each of four general education categories, which are degree applicable: English/Language Arts; Math or Science; Social Sciences; Humanities and/or Fine Arts.

** Core courses include Child/Human Growth & Development; Child/Family/Community or Child and Family Relations; and programs/curriculum. You must have a minimum of three semester units or four quarter units in each of the core areas.

*** Holders of the Administrative Services Credential may serve as a Site Supervisor or Program Director.

**** A valid Multiple Subject or a Single Subject in Home Economics.

***** Professional growth hours must be completed under the guidance of a Professional Growth Advisor. Call (209) 572-6080 for assistance in locating an advisor.